

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-250/25085-50-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

25085-50-1

Code:

M

RTECS:**Code:**

X

Name:

HEAT REACTIVE PHENOLIC RESIN

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

2

Control Measures

Respiratory Protection:

USE NIOSH APPROVED ATMOSPHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.

Ventilation:

LOCAL EXHAUST: REMOVE VAPORS DURING PROCESSING. MECHAN EXHAUST: EXPLOS-PROOF EQUIP. SPECIAL: REDUCE VAPOR CONC BELOW TLV

Protective Gloves:

PVA GLOVES.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:

KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATELY. PRACTICE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: NAUSEA/NARCOSIS. CHRONIC: NOT AVAILABLE AT PRESENT TIME. TARGET ORGANS: BASED ON ANIMAL DATA MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN. IN HUMANS LIVER ABNORMALITIES. BASED ON ANIMAL DATA MAY CAUSE ANEMIA, LIVER ABNORMALITIES, KIDNEY, EYE DAMAGE. IN HUMANS--CARDIAC ABNORMALITIES.

Explanation Of Carcinogenicity:

3 N/K

Signs And Symptoms Of Overexposure:

IRRITATION TO EYES AND MUCOUS MEMBRANES. CAN ALSO CAUSE SKIN DRYNESS. LIQUID INGESTION MAY RESULT IN VOMITING.

Medical Cond Aggravated By Exposure:

RESPIRATORYAILMENTS.

First Aid:

UTILIZE THE SUGGESTED METHODS BELOW. IN EMERGENCY SITUATIONS NOTIFY PHYSICIAN IMMEDIATELY. SKIN: WAS WITH SOAP AND WATER. GET MEDICAL ATTENTION. EYES: FLUSH EYES ABUNDENTLY WITH CLEAN WATER AND REFER TO PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. REFER TO PHYSICIAN. EXCESSIVE INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS NOT BREATHING. REFER TO PHYSICIAN.

Spill Release Procedures:

FOR SPILL: CALL 1-800-OIL-TANK. ABSORB SPILL IN SAND, EARTH, VERMICULITE, OIL-DRI, OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

Handling And Storage Precautions:

STORE IN APPROVED SOLVENT STORAGE AREA, KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, OPEN FLAMES, SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:**Flash Point Text:**

40.0F, 4.4C

Autoignition Temp:**Autoignition Temp Text:**

947F

Lower Limits:

1.0

Upper Limits:

7.0

Extinguishing Media:

CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:

NIOSH/MSHA SCBA SHOULD BE WORN AS WELL AS PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED STRUCTURES AND DISPERSE VAPOR CLOUD IF FIRE IS NOT PRESENT.

Unusual Fire/Explosion Hazard:

VAPOR IS HEAVIER THAN AIR AND TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK. 4

Physical/Chemical Properties

HCC:

F2

NRC/State Lic No:

N/K

Net Prop WT For Ammo:

N/K

Boiling Point:**B.P. 111C****231F, 111C****Melt/Freeze Pt:**

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

N/K**Vapor Pres:**

25

Vapor Density:

3.2

Volatile Org Content %:**1.05****Spec Gravity:**

1.05

PH: N/K**VOC Grams/Liter:****Grams/Liter****Viscosity:**

N/K

Evaporation Rate & Reference:

N/K

Solubility in Water:

N/K

Appearance and Odor:

GREY, CHARACTERISTIC SOLVENT ODOR.

N/K**Volatiles:**

N/K

Corrosion Rate:

N/K

Health Hazards Acute And Chronic:

ACUTE: NAUSEA/NARCOSIS. CHRONIC: NOT AVAILABLE AT PRESENT TIME. TARGET ORGANS: BASED ON ANIMAL DATA MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN. IN HUMANS LIVER ABNORMALITIES. BASED ON ANIMAL DATA MAY CAUSE ANEMIA, LIVER ABNORMALITIES, KIDNEY, EYE DAMAGE. IN HUMANS--CARDIAC ABNORMALITIES.

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Other Precautions:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

Materials To Avoid:

N/K 5

Hazardous Decomposition Products:

OXIDES OF CARBON, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

N/P

Information:

N/P

Information:

N/P

Information:</b